

What is Claimed is:

1. 1. A method of providing a vehicle monitoring system for ensuring accurate vehicle distance travel data comprising the steps of:
 3. recording vehicle odometer data in a wireless communication device;
 4. receiving vehicle velocity data signals from a remote satellite system;
 5. measuring vehicle velocity after a duration of vehicle operation at a substantially stable speed;
 7. calculating a velocity difference between a vehicle velocity measured on-board and a vehicle velocity as determined from data signals received from a remote satellite system; and
 9. communicating any condition whereby an absolute value of said velocity difference is greater than an allowable tolerance.
2. The method of claim 1 comprising the step of validating vehicle odometer data during periods of allowable tolerance, whereby vehicle odometer data is transmitted by said satellite communication device to a vehicle fleet office.
3. The method of claim 1 comprising the step of validating vehicle odometer data during periods of allowable tolerance, whereby vehicle odometer data is transmitted by said satellite communication device to a vehicle fleet office at vehicle fleet office selected intervals.
4. The method of claim 1 comprising the step of communicating any condition wherein said velocity difference is greater than an allowable tolerance to a vehicle fleet manager.
5. The method of claim 1 comprising the step of communicating any condition wherein said velocity difference is greater than an allowable tolerance to a vehicle fleet manager, whereby not more than one communication is made during a reporting period.

6. The method of claim 5 wherein the duration of said reporting period is determined by a vehicle fleet manager.

7. The method of claim 1 comprising the step of communicating any condition wherein said velocity difference is greater than an allowable tolerance to a vehicle operator.

8. The method of claim 1 comprising the step of communicating any condition wherein said velocity difference is within an allowable tolerance to a vehicle operator.

1 9. A computer readable medium containing instructions for performing a method of
2 providing a vehicle monitoring system for ensuring accurate vehicle distance travel data
3 comprising the steps of:

4 recording vehicle odometer data in a wireless communication device;
5 receiving vehicle velocity data signals from a remote satellite system;
6 measuring vehicle velocity after a duration of vehicle operation at a substantially stable

7 speed;

8 calculating a velocity difference between a vehicle velocity measured on-board and a
9 vehicle velocity as determined from data signals received from a remote satellite system; and
10 communicating any condition whereby an absolute value of said velocity difference is
11 greater than an allowable tolerance.